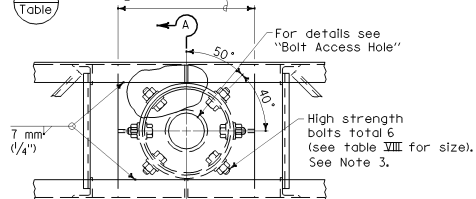


See S2 Table for cap R dimensions.

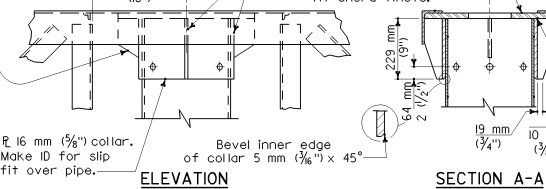


PLAN

Drill thru outer collar and post wall for bolts. Provide hardened contoured washers under bolt head and nut. Hardened contoured washers to be 76 mm x 76 mm x 7.9 mm (3" x 3" x 5/16"). Min Grind face to fit.

13 mm (1/2") Gusset R (4 required). Where gusset interferes with bolt, cut to clear.

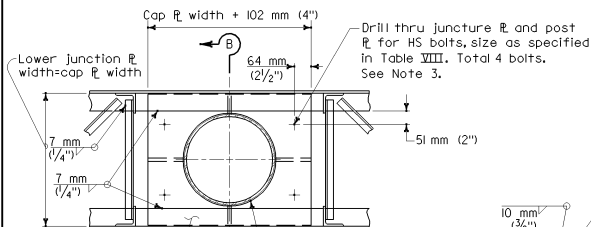
7 mm (1/4") See S2 Table for Cap R size and thickness. Chamfer to fit chord fillets.



ELEVATION

UPPER JUNCTURE CONNECTION

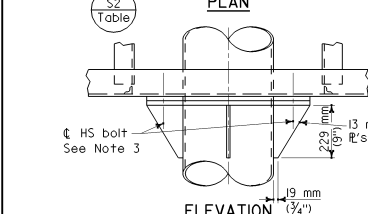
Single Post Type



PLAN

Lower junction R same thickness as corresponding cap R. See S2 Table.

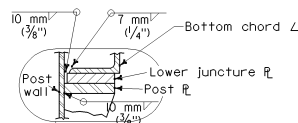
Cut thru junction R for post. Hole diameter = post OD + 25 mm (1 inch) Max.



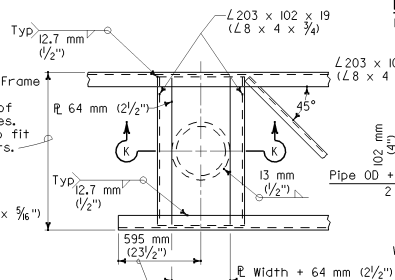
ELEVATION

LOWER JUNCTURE CONNECTION

Single Post Type



SECTION B-B



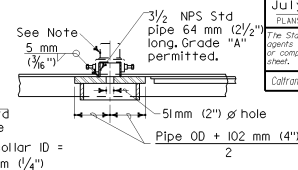
NOTE
Post not shown

SECTION K-K

Without photoelectric control unit

UPPER CHORD CONNECTION TO POST

Two Post Type



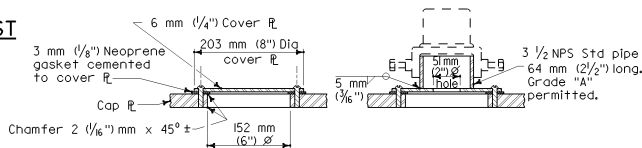
SECTION K-K

With photoelectric control unit

SECTION L-L

LOWER CHORD CONNECTION TO POST

Two Post Type



SECTION

Without photoelectric control unit

SECTION

With photoelectric control unit

BOLT-ACCESS HOLE

Single Post Type

Post Type	Bolt Size
II	M22 (7/8")
III	M22 (7/8")
IV	M27 (1 1/8")
V	M27 (1 1/8")
VI	M27 (1 1/8")
VII	M30 (1 1/4")
VIII	M30 (1 1/4")

NOTES (Single Post Type)

- In all cases, truss shall be supported at lower junction connection. Bearing surface shall be finished true.
- Post to truss connections shall be fitted in shop.
- High strength bolts noted to be wrench tightened. Torque requirements are waived.

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

July 1, 2002
PLANS APPROVAL DATE

Jeffrey B. Woody
REGISTERED CIVIL ENGINEER
No. C41260
(111)
STATE OF CALIFORNIA

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NOTE

A. Photoelectric control unit and 3-prong, EEL-NEMA standard, twist lock plug reception.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**OVERHEAD SIGNS-TRUSS
FRAME JUNCTURE DETAILS**

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

S7